

Grade K

Adopted 2016

Physical Science

1. Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. **PS.K.1**
2. Analyze data to determine whether a design solution works as intended to change the speed or direction of an object with a push or a pull. **PS.K.2**
3. Construct an explanation based on observations of the effect of sunlight on earth's surface. **PS.K.3**
4. Use tools and materials to design and build a structure to reduce the warming effect of sunlight on an area. **PS.K.4**

Life Science

1. Use observations to describe patterns of what plants and animals, including humans, need to survive. **LS.K.1**

Earth and Space Science

1. Construct an argument supported by evidence for how plants and animals, including humans, can change the environment to meet their needs. **ESS.K.1**
2. Use a model to represent the relationship between the needs of different plants or animals, including humans, and the places they live. **ESS.K.2**
3. Communicate ideas about the impact of humans on the land, water, air, or other living things in the local environment. **ESS.K.3**
4. Use and share observations of local weather conditions to describe patterns over time. **ESS.K.4**
5. Ask questions to obtain information about the purpose of weather forecasting to predict, prepare for, and respond to weather. **ESS.K.5**